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PATENT ABSTRACTS OF JAPAN

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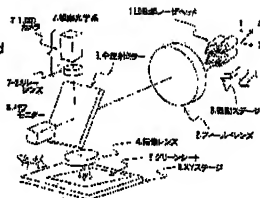
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(21)Application number : 2000-217938 (71)Applicant : NEC CORP
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(54) DRILLING APPARATUS FOR GREEN SHEET

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a means for fast precision drilling and for free alignment of drilling with no use of a mask in green sheet working which uses laser.
SOLUTION: There are provided an LD excitation laser oscillator 1, a field lens 2, an imaging lens 4, and an XY table 9. A green sheet 5, which is to be worked, is placed as an XY table. The laser oscillated from a laser rod of the oscillator 1 is end-surface focused on the green sheet on the XY table through the field lens 2 and the imaging lens 4, so that a given shape is projected on the green sheet for drilling.



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